



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh) and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Friday, September 8, 2017

Issued: 0800 CT

**Day 1 Hazards:** Major Flooding continues across SE TX/SW LA.

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



**Prepared by: Kurt Van Speybroeck  
682-703-3747**

# Key Points



## Today - Tuesday

- Major river flooding continues across portions of SE TX/SW LA.
  - All rivers have crested and will continue to recede.
- No significant weather impacts expected.

## Tropical Weather Outlook

- Hurricane Irma is a Category 4 storm located 450 ESE of Miami, FL moving WNW at 16 mph. No impacts to Region 6.
- Hurricane Katia 220 miles NNE of Veracruz, MX moving WSW at 3 MPH. No impacts to FEMA Region 6.
- Hurricane Jose is located 775 miles ESE of the northern Leeward Islands moving W at 18 mph. No impacts to FEMA Region 6.
- A tropical wave is expected to move off the coast of Africa this weekend. Some gradual development is possible around 20% in the next 5 days.

# FEMA Region 6 Threat Matrix

Sep 8, 2017 - Sep 12, 2017

	FIR	SAT	SUN	MON	TUE
Severe Weather					
Heavy Rain / Flash Flooding					
Heat					
River Flooding	SE TX/SW LA	SE TX/SW LA	SE TX/SW LA	SE TX/SW LA	SE TX/SW LA
Tropical Weather					

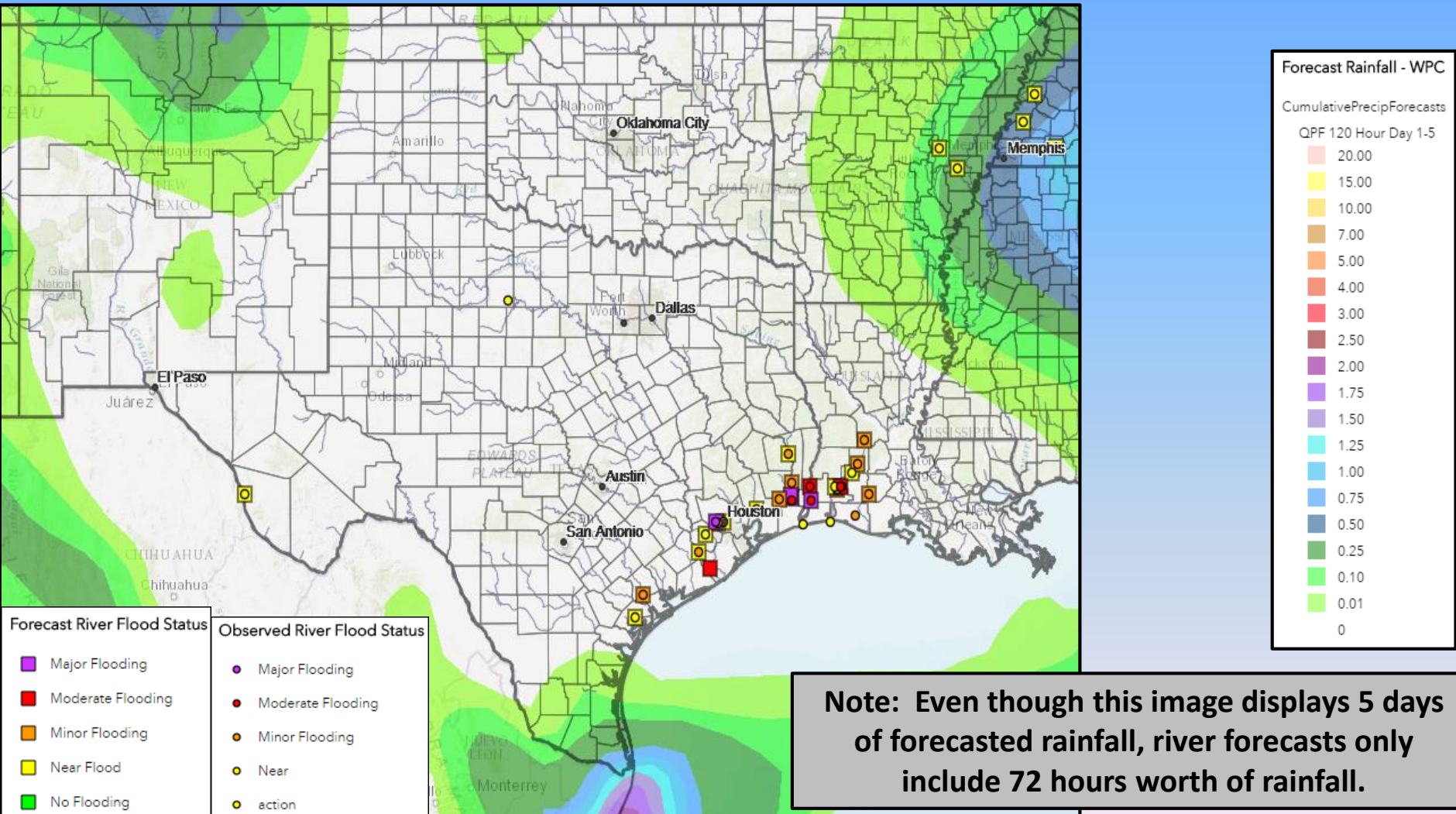
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# 5-Day Precipitation Forecast & River Flood Status

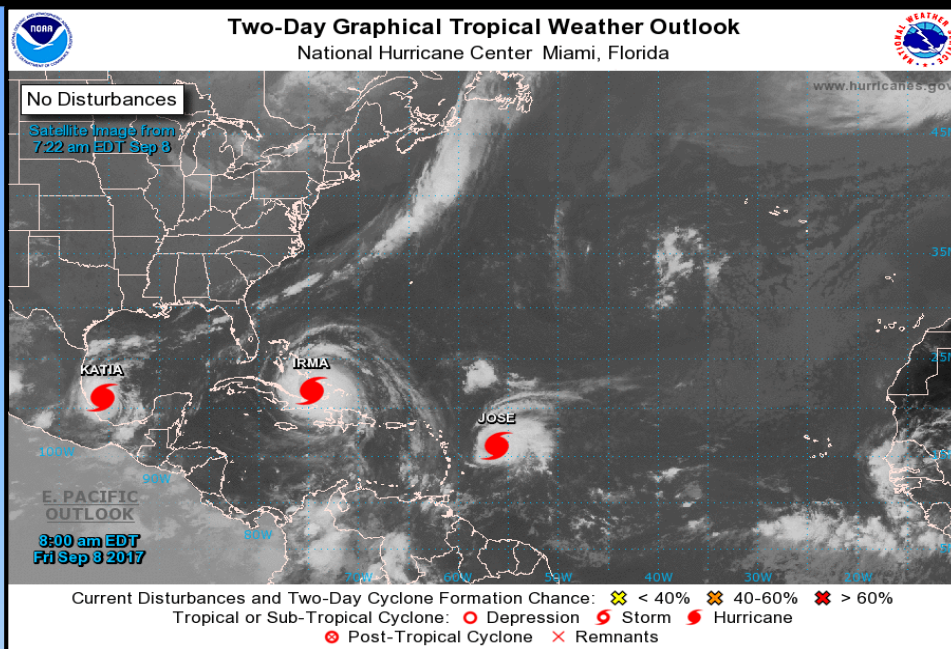
Major river flooding continues across parts of SE TX and SW LA.  
Rivers have crested and will continue to recede.



For the latest on river flooding: <http://water.weather.gov/ahps>



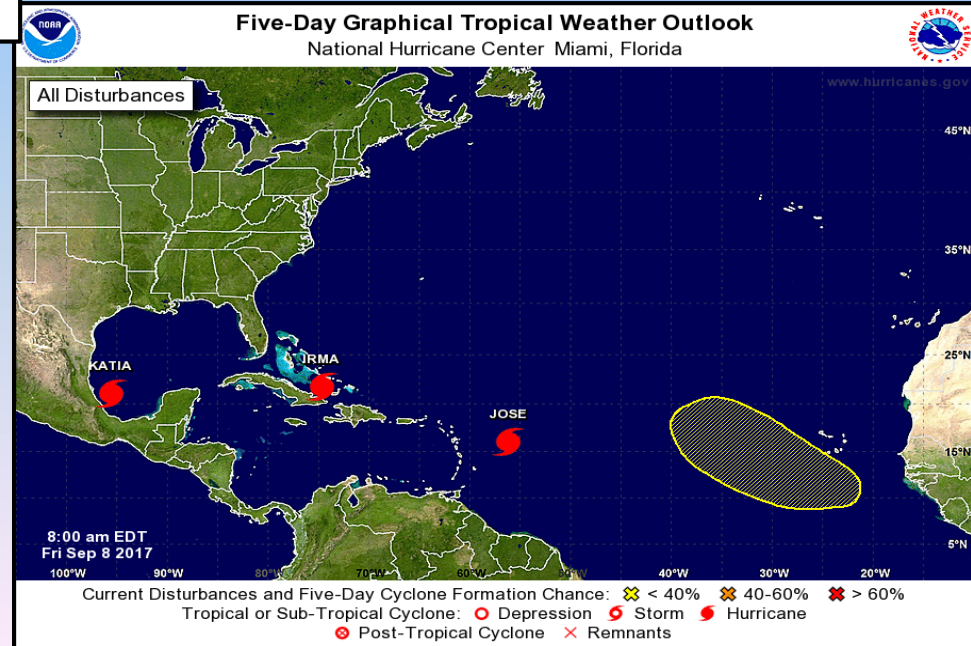
# Tropical Weather Outlook



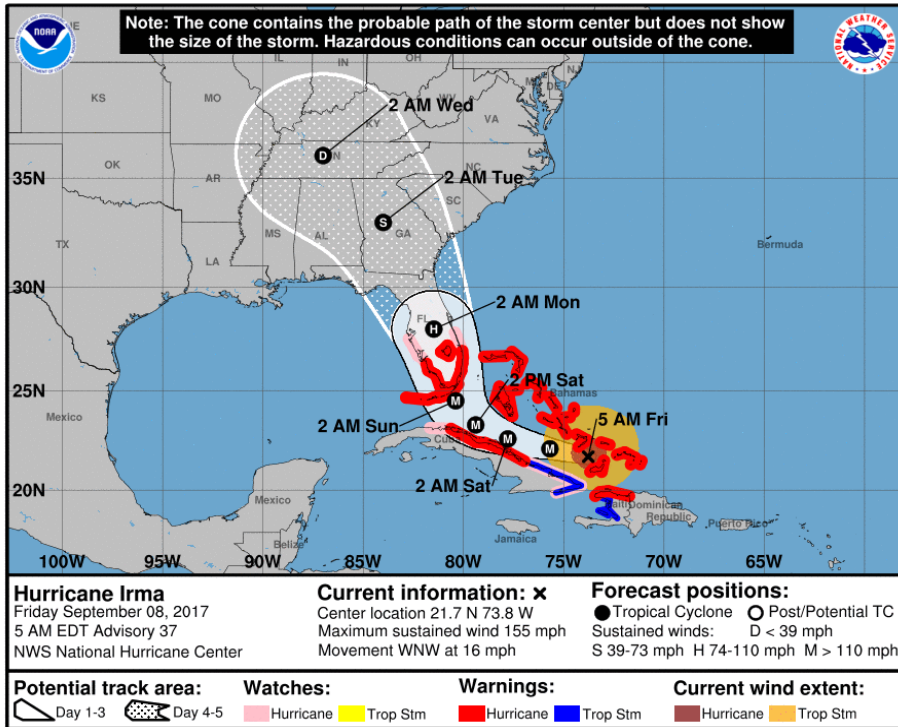
## Major Hurricane Irma

- 450 miles SE of Miami, FL moving WNW at 16 mph.
- Maximum sustained winds are 150 mph.

1. Hurricane Jose is located about 480 miles ESE of the northern Leeward Islands moving to the W at 16 mph. No impacts to FEMA IV through Monday.
2. Hurricane Katia is 220 NNE of Veracruz, MX moving WSW at 3 MPH. No impacts expected for FEMA IV.
3. A tropical wave is expected to move off the coast of Africa over the weekend. Some gradual development is possible in the next 5 days. There is a low chance...20% of tropical development.



# Hurricane Irma

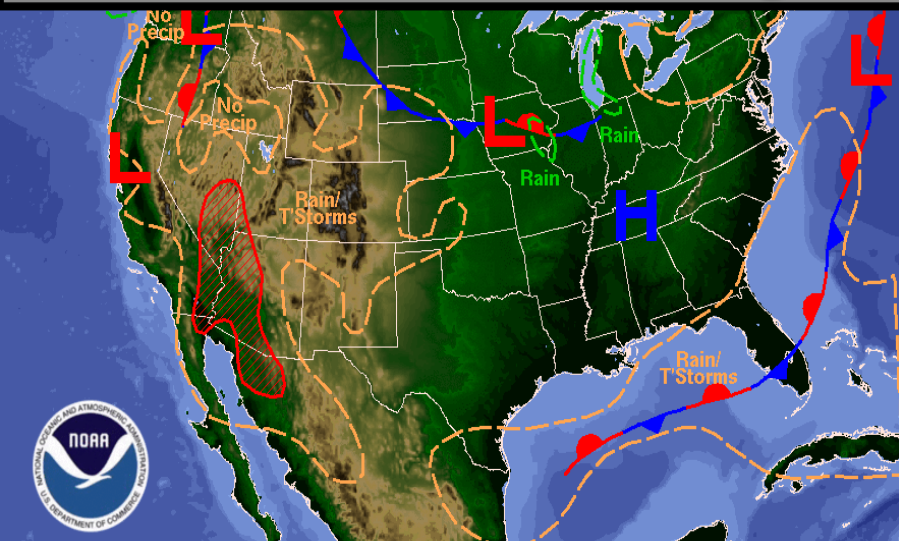


**Major hurricane Irma**  
Continues moving WNW at 16 mph near the Bahama Islands. Landfall is possible over S FL/FL keys Sunday.



**Major hurricane Irma**  
Current max winds are 150 mph with central pressure of 927 mb. Tropical Storm force winds may begin to impact S FL/FL Keys Late Friday/early Saturday.

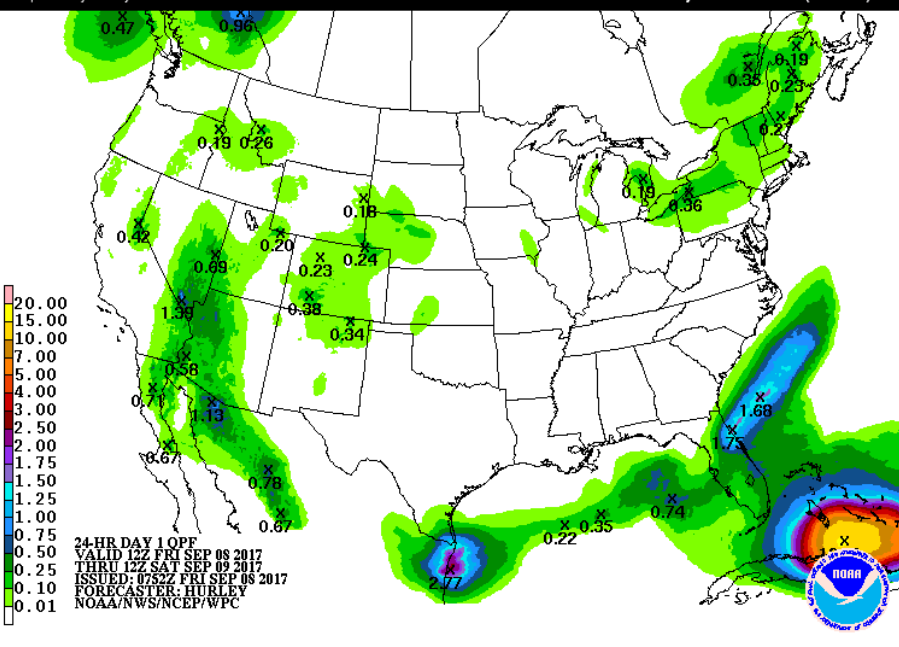
# Today's Weather



**Day 1 National Forecast Chart**

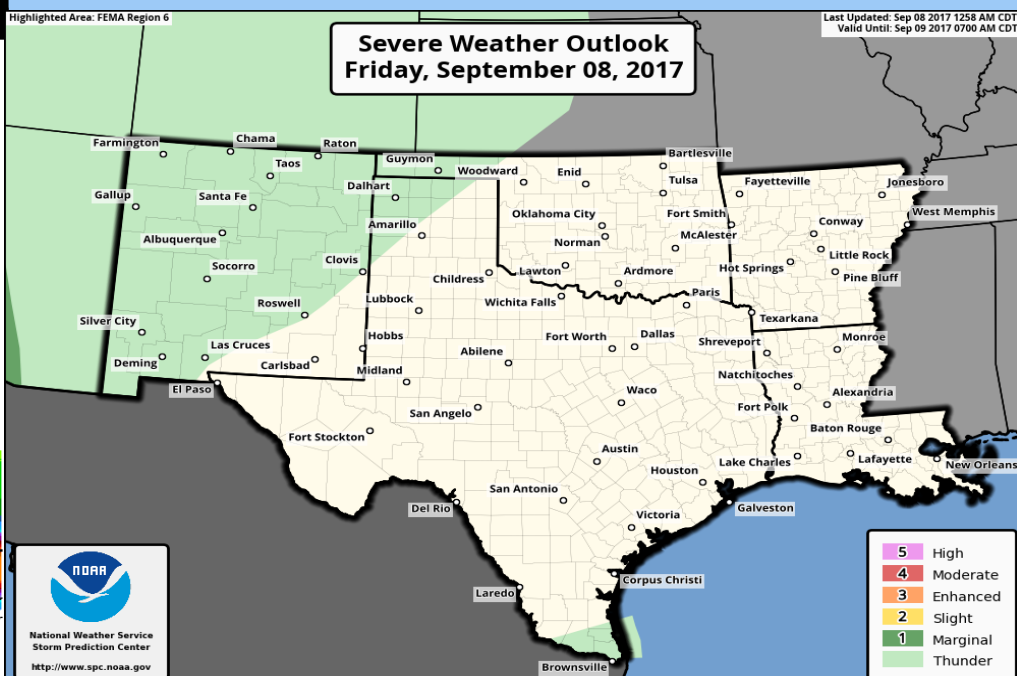
Valid Fri, Sep 08, 2017, issued 3:59 AM EDT  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain  
 Rain and T'Storms  
 Rain and Snow  
 Snow  
 Flash Flooding Possible (hatched)  
 Severe T'Storms Possible (hatched)  
 Freezing Rain Possible (hatched)  
 Heavy Snow Possible (hatched)



24-HR DAY 1 O/PF  
 VALID 12Z FRI SEP 08 2017  
 THRU 12Z SAT SEP 09 2017  
 ISSUED: 0522Z FRI SEP 08 2017  
 FORECASTER: HURLEY  
 NOAA/NWS/NCEP/WPC

**Major flooding continues across SE TX/SW LA.**



**Severe Weather Outlook  
 Friday, September 08, 2017**

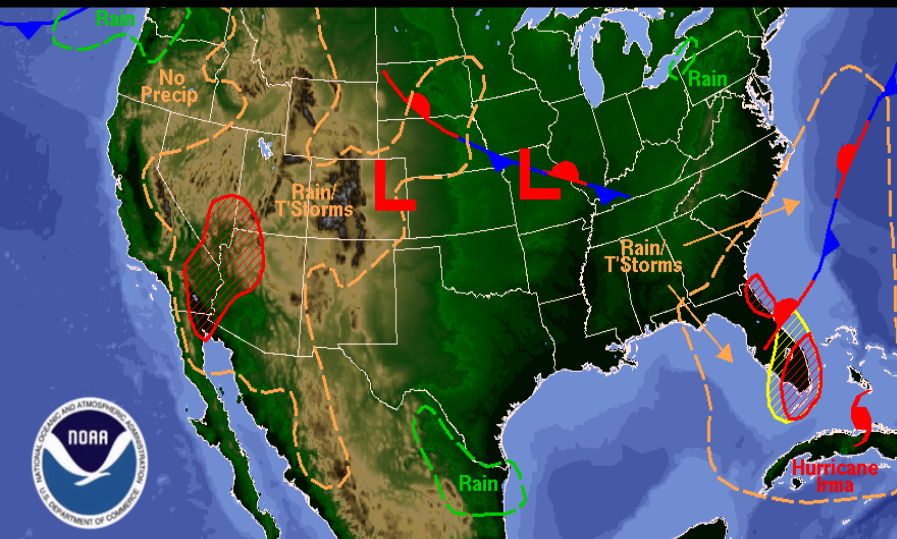
Last Updated: Sep 08 2017 12:58 AM CDT  
 Valid Until: Sep 09 2017 07:00 AM CDT

NOAA  
 National Weather Service  
 Storm Prediction Center  
<http://www.spc.noaa.gov>

5 High  
 4 Moderate  
 3 Enhanced  
 2 Slight  
 1 Marginal  
 Thunder



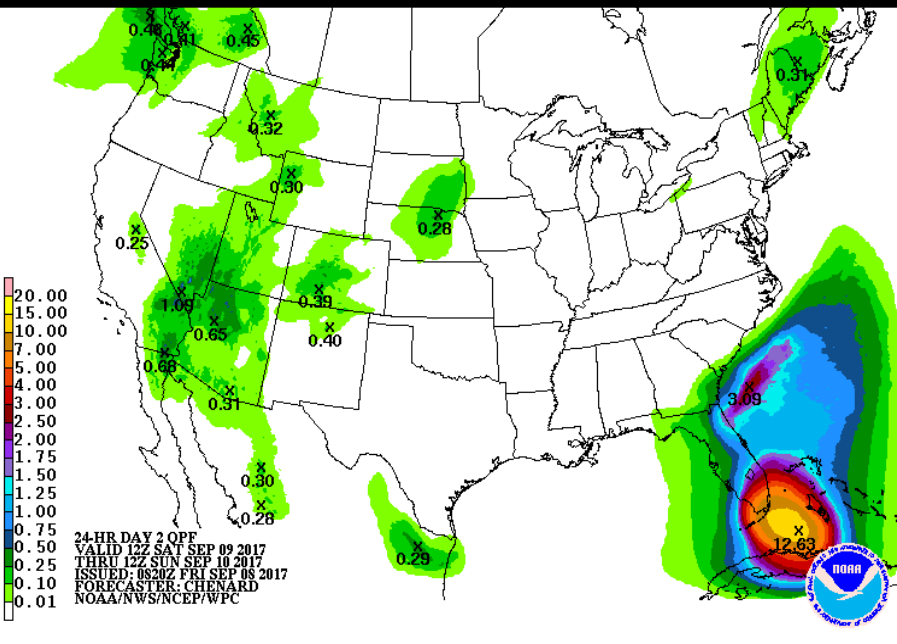
# Tomorrow's Weather



Day 2 National Forecast Chart

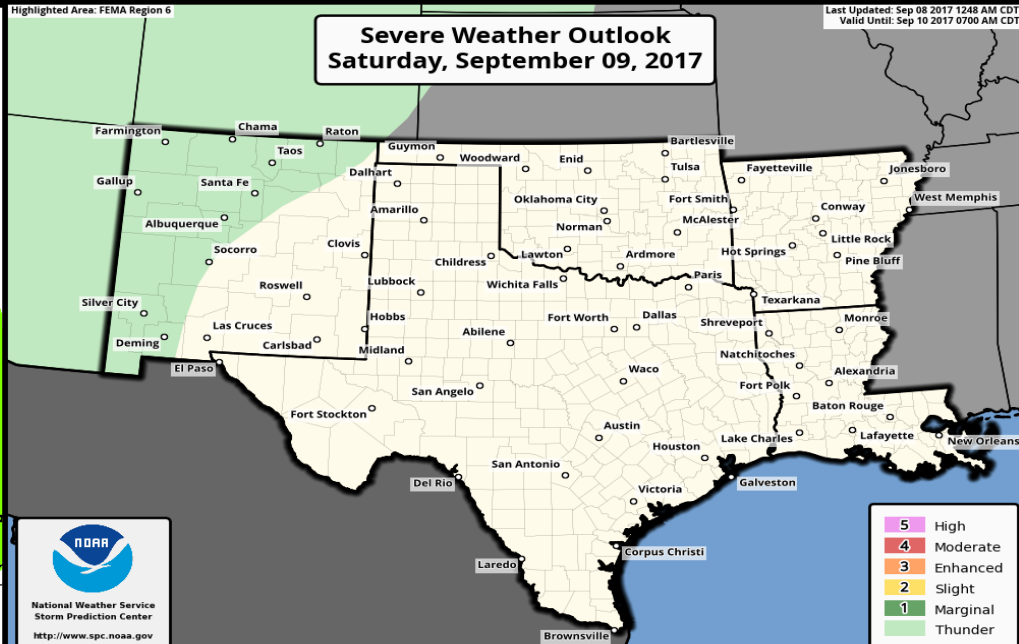
Valid Sat, Sep 09, 2017, issued 4:57 AM EDT Fri, Sep 08, 2017  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain  
 Rain and T'Storms  
 Rain and Snow  
 Snow  
 Flash Flooding Possible (hatched)  
 Severe T'Storms Possible (hatched)  
 Freezing Rain Possible (hatched)  
 Heavy Snow Possible (hatched)



24-HR DAY 2 QPF  
 VALID 12Z SAT SEP 09 2017  
 THRU 12Z SUN SEP 10 2017  
 ISSUED: 0620Z FRI SEP 08 2017  
 FORECASTER: CHENARD  
 NOAA/NWS/NCEP/WPC

Major flooding continues across SE TX/SW LA.



Severe Weather Outlook  
 Saturday, September 09, 2017

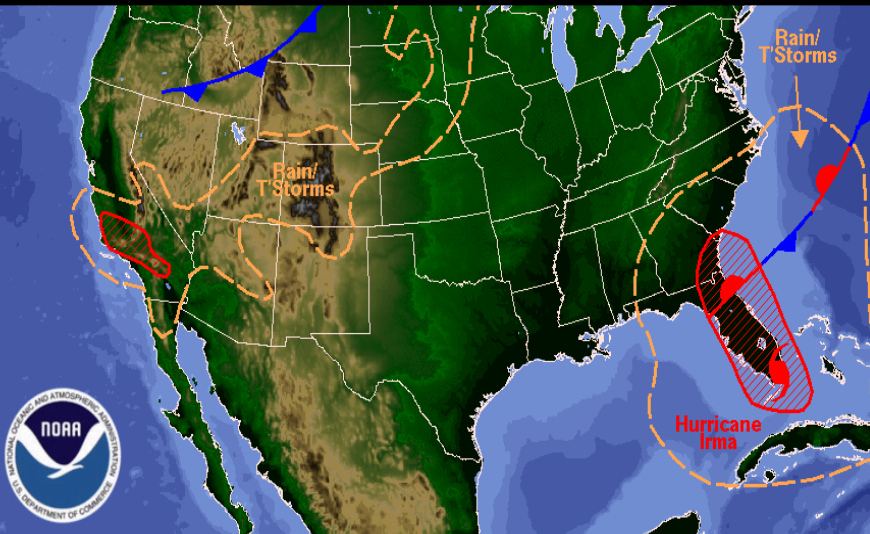
Last Updated: Sep 08 2017 1248 AM CDT  
 Valid Until: Sep 10 2017 0700 AM CDT

5 High  
 4 Moderate  
 3 Enhanced  
 2 Slight  
 1 Marginal  
 Thunder

NOAA  
 National Weather Service  
 Storm Prediction Center  
<http://www.spc.noaa.gov>



# Sunday's Weather

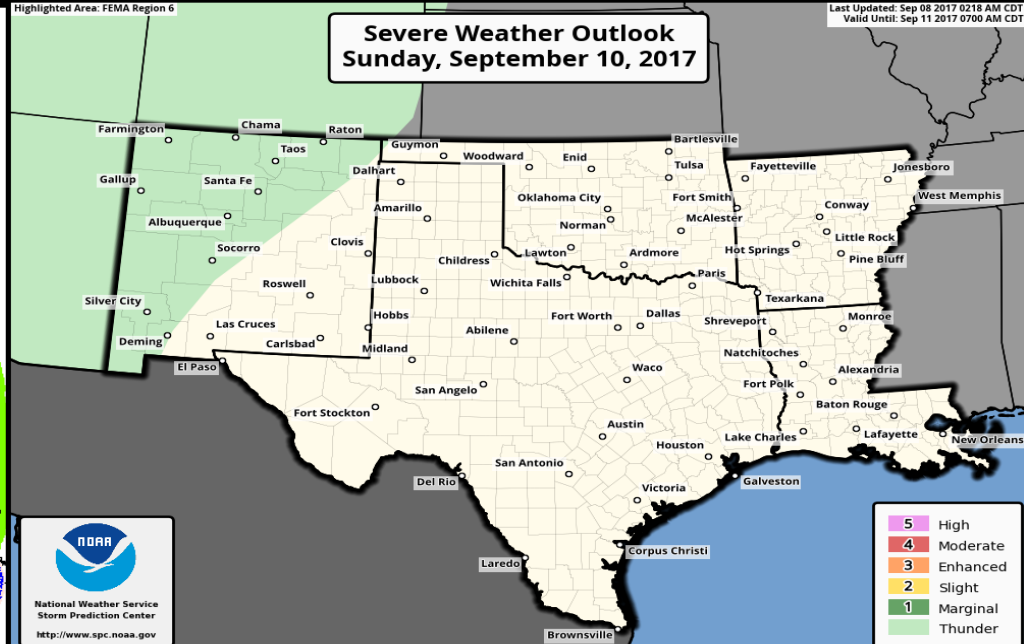
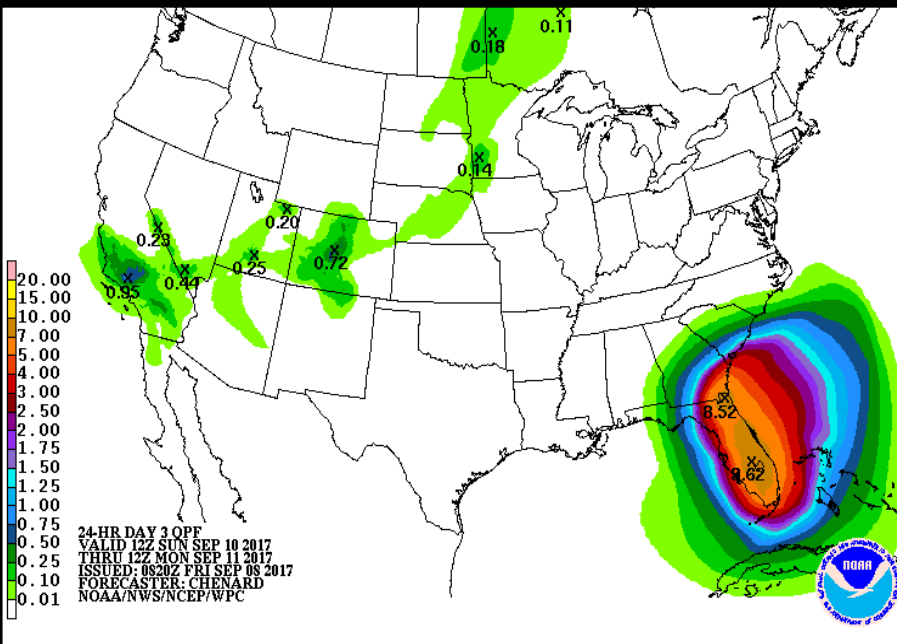


Major flooding continues across SE TX/SW LA.

## Day 3 National Forecast Chart

Valid Sun, Sep 10, 2017, issued 4:49 AM EDT Fri, Sep 08, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds with WPC/SPC/NHC forecasts

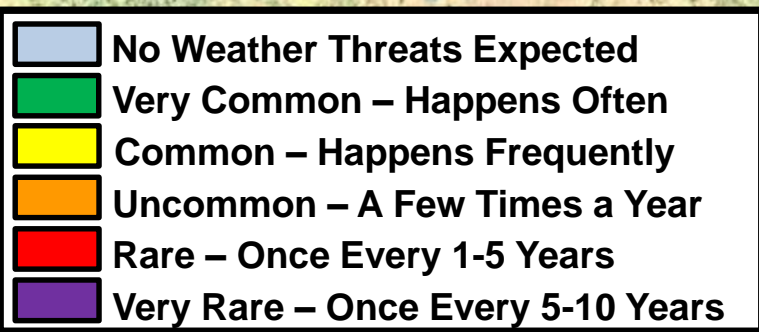
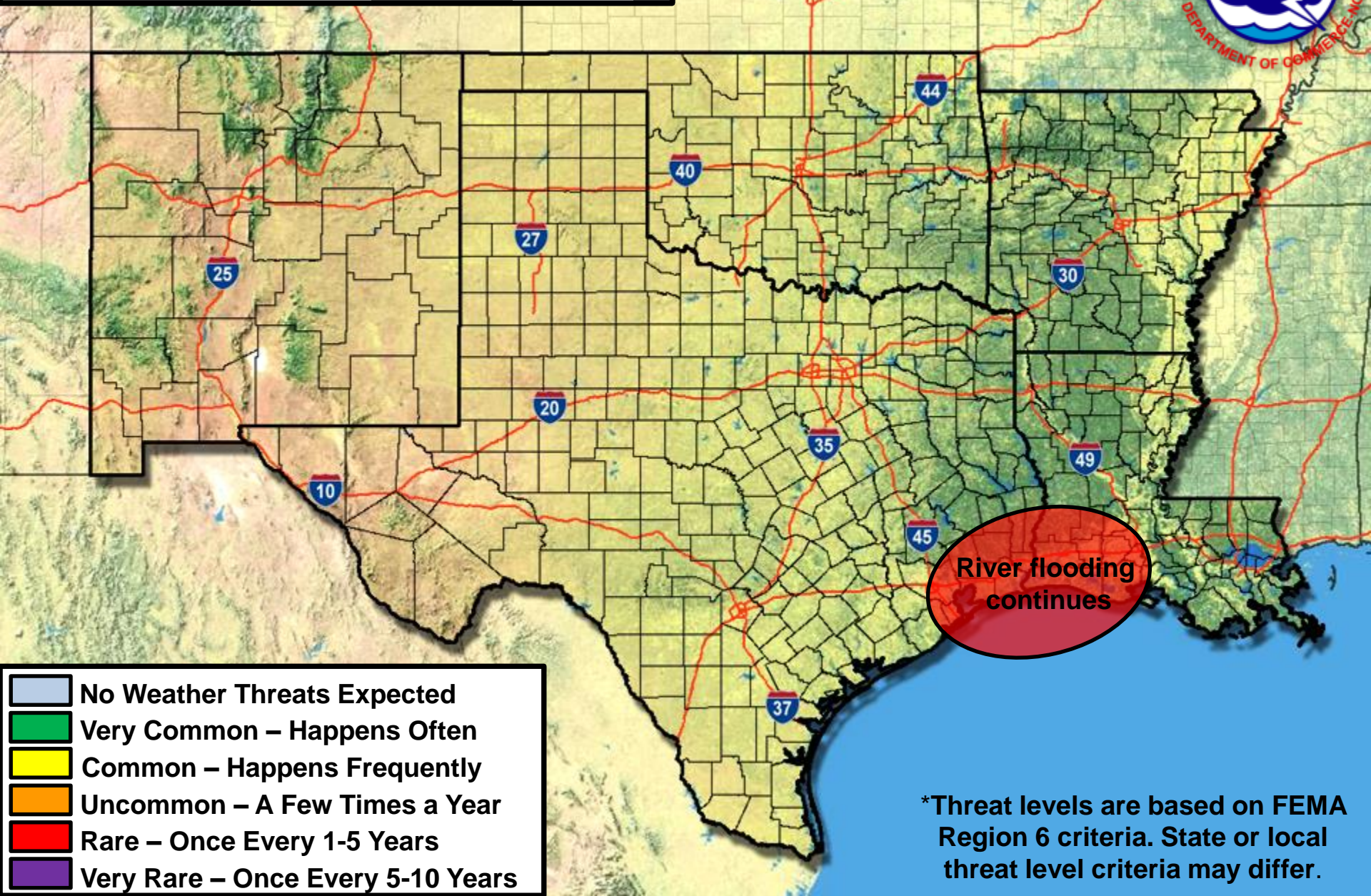
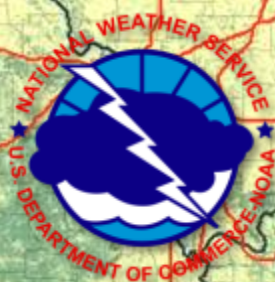
Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)





# Day 4-5 Weather Hazards

Valid: 0800 Mon - 0800 Wed



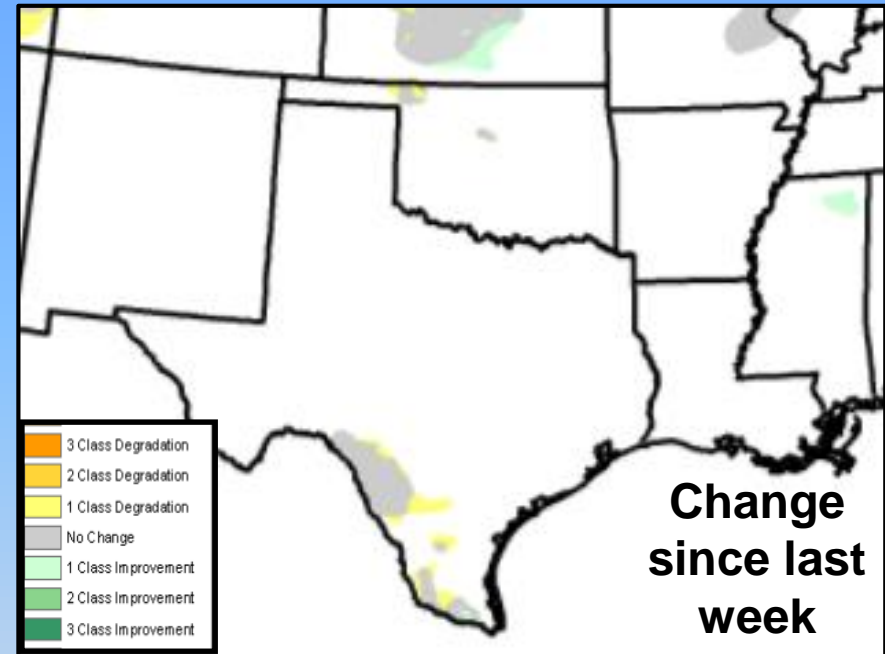
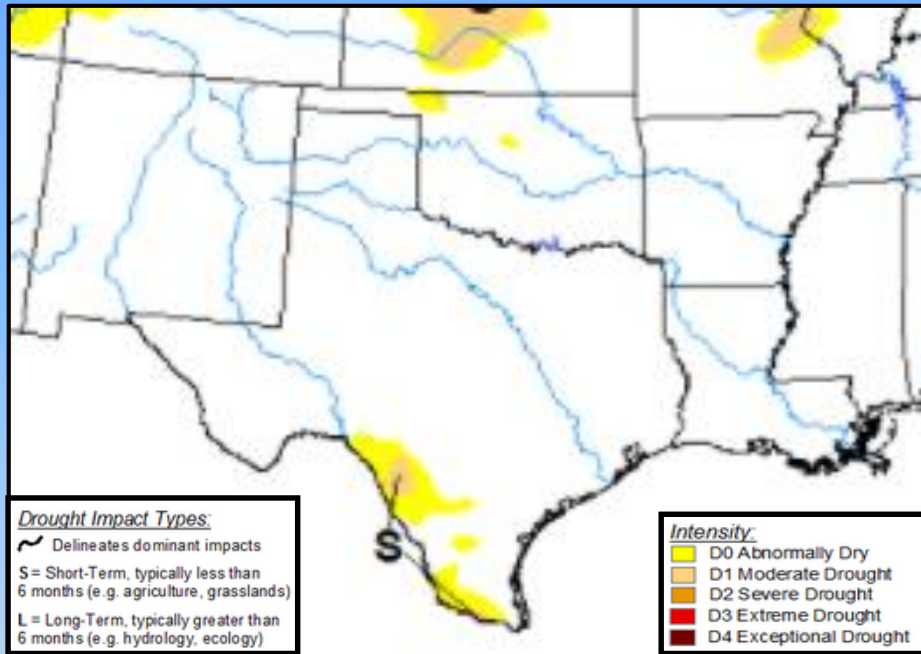
\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.





# Drought Monitor Released 7 September, 2017

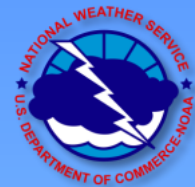
Data valid as of 7am CDT, Tuesday, September 5, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

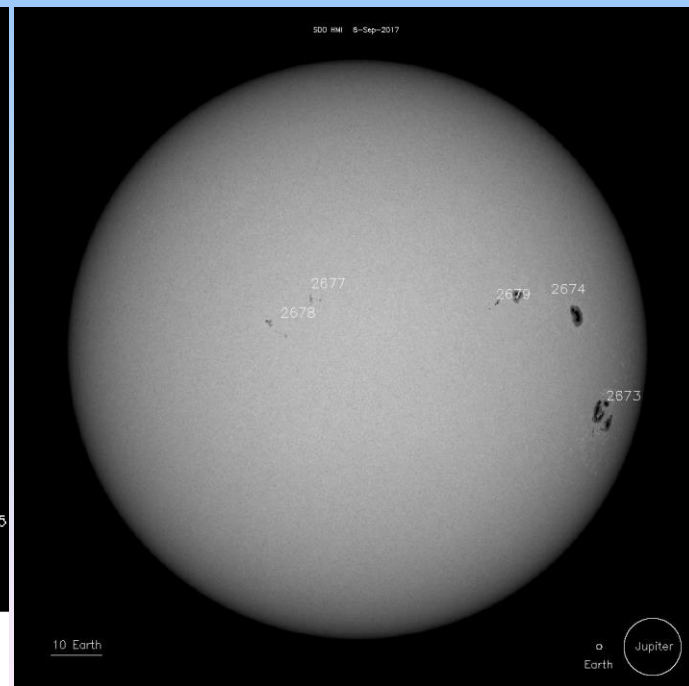
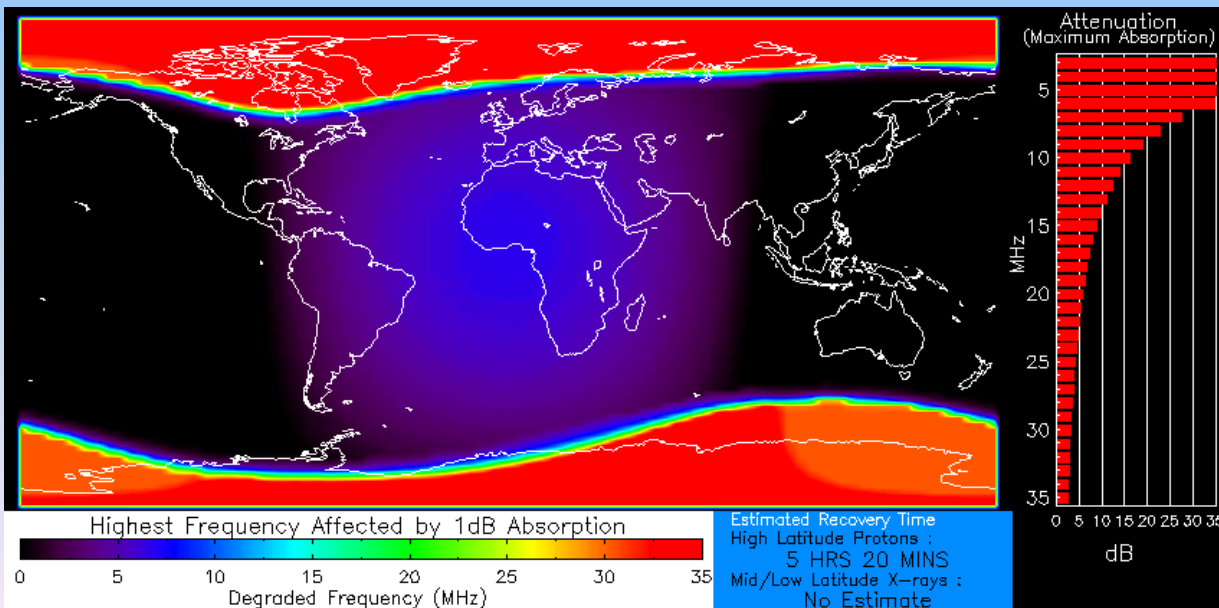
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Friday	Saturday	Sunday
Geomagnetic Storms	Strong (G3) Storm (Max Kp = 7)	Moderate (G2) Storm (Max Kp = 6)	Minor (G1) Storm (Max Kp = 5)
Solar Radiation Storm (S1-S5)	99%	99%	99%
Radio Blackout (R1-R2)	75%	75%	75%
Radio Blackout (R3-R5)	50%	50%	50%



Normal X-ray Background  
Product Valid At : 2017-09-08 12:02 UTC

Minor Proton Flux  
NOAA/SWPC Boulder, CO USA



Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

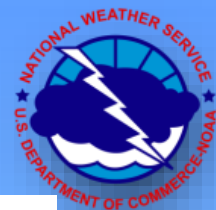
**facebook**

<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)

# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>